

CERTIFICATE OF ANALYSIS

(Certificate No. KMM011023-01)

Release Date: 10/01/2025

Re-test Date: 09/01/2028

Meclizine Related Compound B

Identification

Chemical Name :

1-[(4-Chlorophenyl)(phenyl)methyl]-4-(2-methylbenzyl)piperazine dihydrochloride

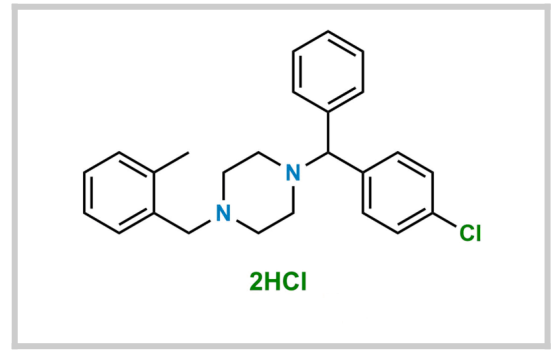
Alt. Name : Isomeclizine

CAT No. : KMM011023

CAS No. : Not Available

Molecular Formula : C₂₅H₂₇ClN₂ : 2HCl

Molecular Weight : 391 : 2(36.5)



Analytical Information

Batch No. : M011023-091-131

Description : White Solid

HPLC Purity : 97.46 %

Weight Loss By TGA : 2.33 %

% Potency : 95.19 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 2.33(Weight Loss By TGA)] x [97.46(HPLC Purity)]/100 = 95.19 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		11/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/01/2025

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA